

(iii) the employer of, or a business owned in whole or in part by, the member or a family member, as determined by the Secretary; or

(B) providing advice or recommendations regarding, or otherwise participating in, matters of the Advisory Council that—

(i) constitute a conflict of interest under section 208 of title 18, United States Code; or

(ii) may call into question the integrity of the Advisory Council, the Program, or the technical assistance or verification activities described under subsection (d)(2).

(7) **FACA APPLICABILITY.**—The Advisory Council shall be subject to the Federal Advisory Committee Act (5 U.S.C. App.), except that section 14(a)(2) of that Act shall not apply.

(h) **ASSESSMENT.**—

(1) **IN GENERAL.**—Not later than 240 days after the date of enactment of this Act, the Secretary, in consultation with the Administrator of the Environmental Protection Agency, shall—

(A) conduct an assessment, including by incorporating information from existing publications and reports of the Department of Agriculture and other entities with relevant expertise, regarding—

(i) the number and categories of non-Federal actors in the nonprofit and for-profit sectors involved in buying, selling, and trading agriculture or forestry credits in voluntary environmental credit markets;

(ii) the estimated overall domestic market demand for agriculture or forestry credits at the end of the preceding 4-calendar year period, and historically, in voluntary environmental credit markets;

(iii) the total number of agriculture or forestry credits (measured in metric tons of carbon dioxide equivalent) that were estimated to be in development, generated, or sold in market transactions during the preceding 4-calendar year period, and historically, in voluntary environmental credit markets;

(iv) the estimated supply and demand of metric tons of carbon dioxide equivalent of offsets in the global marketplace for the next 4 years;

(v) the barriers to entry due to compliance and verification costs described in subsection (g)(4)(C)(iv);

(vi) the state of monitoring and measurement technologies needed to quantify long-term carbon sequestration in soils and from other activities to prevent, reduce, or mitigate greenhouse gas emissions in the agriculture and forestry sectors;

(vii) means to reduce barriers to entry into voluntary environmental credit markets for small, beginning, and socially disadvantaged farmers, ranchers, and private forest landowners and the extent to which existing protocols in voluntary environmental credit markets allow for aggregation of projects among farmers, ranchers, and private forest landowners;

(viii) means to leverage existing Department of Agriculture programs and other Federal programs that could improve, lower the costs of, and enhance the deployment of monitoring and measurement technologies described in clause (vi);

(ix) the potential impact of Department of Agriculture activities on supply and demand of agriculture or forestry credits;

(x) the potential role of the Department of Agriculture in encouraging innovation in voluntary environmental credit markets;

(xi) the extent to which the existing regimes for generating and selling agriculture or forestry credits, as the regimes exist at the end of the preceding 4-calendar year period, and historically, and existing voluntary environmental credit markets, may be impeded or constricted, or achieve greater scale

and reach, if the Department of Agriculture were involved, including by considering the role of the Department of Agriculture in reducing the barriers to entry identified under clause (v), including by educating stakeholders about voluntary environmental credit markets;

(xii) the extent to which existing protocols in voluntary environmental credit markets, including verification, additionality, permanence, and reporting, adequately take into consideration and account for factors encountered by the agriculture and private forest sectors in preventing, reducing, or mitigating greenhouse gases or sequestering carbon through agriculture and forestry practices, considering variances across regions, topography, soil types, crop or species varieties, and business models;

(xiii) the extent to which existing protocols in voluntary environmental credit markets consider options to ensure the continued valuation, through discounting or other means, of agriculture and forestry credits in the case of the practices underlying those credits being disrupted due to unavoidable events, including production challenges and natural disasters; and

(xiv) opportunities for other voluntary markets outside of voluntary environmental credit markets to foster the trading, buying, or selling of credits that are derived from activities that provide other ecosystem service benefits, including activities that improve water quality, water quantity, wildlife habitat enhancement, and other ecosystem services, as the Secretary determines appropriate;

(B) publish the assessment; and

(C) submit the assessment to the Committee on Agriculture, Nutrition, and Forestry of the Senate and the Committee on Agriculture of the House of Representatives.

(2) **QUADRIENNIAL ASSESSMENT.**—The Secretary, in consultation with the Administrator of the Environmental Protection Agency and the Advisory Council, shall conduct the assessment described in paragraph (1)(A) and publish and submit the assessment in accordance with subparagraphs (B) and (C) of paragraph (1) every 4 years after the publication and submission of the first assessment under subparagraphs (B) and (C) of paragraph (1).

(i) **REPORT.**—Not later than 2 years after the date on which the Program is established, and every 2 years thereafter, the Secretary shall publish and submit to the Committee on Agriculture, Nutrition, and Forestry of the Senate and the Committee on Agriculture of the House of Representatives a report describing, for the period covered by the report—

(1) the number of covered entities that—

(A) were registered under the Program;

(B) were new registrants under the Program, if applicable; and

(C) did not renew their registration under the Program, if applicable;

(2) each covered entity the certification of which was revoked by the Secretary under subsection (e)(8);

(3) a review of the outcomes of the Program, including—

(A) the ability of farmers, ranchers, and private forest landowners, including small, beginning, and socially disadvantaged farmers, ranchers, and private forest landowners, to develop agriculture or forestry credits through covered entities certified under the Program;

(B) methods to improve the ability of farmers, ranchers, and private forest landowners to overcome barriers to entry to voluntary environmental credit markets; and

(C) methods to further facilitate participation of farmers, ranchers, and private forest

landowners in voluntary environmental credit markets; and

(4) any recommendations for improvements to the Program.

(j) **CONFIDENTIALITY.**—

(1) **PROHIBITION.**—

(A) **IN GENERAL.**—Except as provided in paragraph (2), the Secretary, any other officer or employee of the Department of Agriculture or any agency of the Department of Agriculture, or any other person may not disclose to the public the information held by the Secretary described in subparagraph (B).

(B) **INFORMATION.**—

(i) **IN GENERAL.**—Except as provided in clause (ii), the information prohibited from disclosure under subparagraph (A) is—

(I) information collected by the Secretary or published by the Secretary under subsection (h) or (i);

(II) personally identifiable information, including in a contract or service agreement, of a farmer, rancher, or private forest landowner, obtained by the Secretary under paragraph (7) or (8)(B)(i) of subsection (e); and

(III) confidential business information in a contract or service agreement of a farmer, rancher, or private forest landowner obtained by the Secretary under paragraph (7) or (8)(B)(i) of subsection (e).

(ii) **AGGREGATED RELEASE.**—Information described in clause (i) may be released to the public if the information has been transformed into a statistical or aggregate form that does not allow the identification of the person who supplied or is the subject of the particular information.

(2) **EXCEPTION.**—Paragraph (1) shall not prohibit the disclosure—

(A) of the name of any covered entity published and submitted by the Secretary under subsection (i)(2); or

(B) by an officer or employee of the Federal Government of information described in paragraph (1)(B) as otherwise directed by the Secretary or the Attorney General for enforcement purposes.

(k) **FUNDING.**—

(1) **AUTHORIZATION OF APPROPRIATIONS.**—In addition to the amount made available under paragraph (2), there is authorized to be appropriated to carry out this section \$1,000,000 for each of fiscal years 2022 through 2026.

(2) **DIRECT FUNDING.**—

(A) **RESCISSION.**—There is rescinded \$4,100,000 of the unobligated balance of amounts made available by section 1003 of the American Rescue Plan Act of 2021 (Public Law 117–2).

(B) **DIRECT FUNDING.**—If sufficient unobligated amounts made available by section 1003 of the American Rescue Plan Act of 2021 (Public Law 117–2) are available on the date of enactment of this Act to execute the entire rescission described in subparagraph (A), then on the day after the execution of the entire rescission, there is appropriated to the Secretary, out of amounts in the Treasury not otherwise appropriated, \$4,100,000 to carry out this section.

SA 2052. Ms. ERNST submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes;

which was ordered to lie on the table; as follows:

At the appropriate place in division B, insert the following:

SEC. ____ . AUTHORIZATION OF APPROPRIATIONS FOR THE DEFENSE ADVANCED RESEARCH PROJECTS AGENCY.

There are authorized to be appropriated for the Defense Advanced Research Projects Agency amounts as follows:

- (1) \$600,000,000 for fiscal year 2022.
- (2) \$1,200,000,000 for each of fiscal years 2023 through 2026.

SA 2053. Mr. CRUZ (for himself, Mr. JOHNSON, Mr. BARRASSO, Mr. RUBIO, Mr. COTTON, and Mr. HAGERTY) submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle A of title II of division C, add the following:

SEC. 3219L. IMPOSITION OF SANCTIONS WITH RESPECT TO NORD STREAM 2.

(a) IN GENERAL.—Not later than 15 days after the date of the enactment of this Act, the President shall—

(1) impose sanctions under subsection (b) with respect to—

(A) Nord Stream 2 AG or a successor entity;

(B) Matthias Warnig; and

(C) any other corporate officer of or principal shareholder with a controlling interest in Nord Stream 2 AG or a successor entity; and

(2) impose sanctions under subsection (c) with respect to—

(A) Nord Stream 2 AG or a successor entity; and

(B) Matthias Warnig.

(b) INELIGIBILITY FOR VISAS, ADMISSION, OR PAROLE OF IDENTIFIED PERSONS AND CORPORATE OFFICERS.—

(1) IN GENERAL.—

(A) VISAS, ADMISSION, OR PAROLE.—An alien described in subsection (a)(1) is—

- (i) inadmissible to the United States;
- (ii) ineligible to receive a visa or other documentation to enter the United States; and
- (iii) otherwise ineligible to be admitted or paroled into the United States or to receive any other benefit under the Immigration and Nationality Act (8 U.S.C. 1101 et seq.).

(B) CURRENT VISAS REVOKED.—

(i) IN GENERAL.—The visa or other entry documentation of an alien described in subsection (a)(1) shall be revoked, regardless of when such visa or other entry documentation is or was issued.

(ii) IMMEDIATE EFFECT.—A revocation under clause (i) shall—

(I) take effect immediately; and

(II) automatically cancel any other valid visa or entry documentation that is in the alien's possession.

(c) BLOCKING OF PROPERTY OF IDENTIFIED PERSONS.—The President shall exercise all powers granted to the President by the International Emergency Economic Powers Act (50 U.S.C. 1701 et seq.) to the extent necessary to block and prohibit all transactions in all property and interests in property of a

person described in subsection (a)(2) if such property and interests in property are in the United States, come within the United States, or are or come within the possession or control of a United States person.

(d) IMPLEMENTATION; PENALTIES.—

(1) IMPLEMENTATION.—The President may exercise all authorities provided to the President under sections 203 and 205 of the International Emergency Economic Powers Act (50 U.S.C. 1702 and 1704) to carry out this section.

(2) PENALTIES.—A person that violates, attempts to violate, conspires to violate, or causes a violation of this section or any regulation, license, or order issued to carry out this section shall be subject to the penalties set forth in subsections (b) and (c) of section 206 of the International Emergency Economic Powers Act (50 U.S.C. 1705) to the same extent as a person that commits an unlawful act described in subsection (a) of that section.

(e) EXCEPTIONS.—

(1) EXCEPTION FOR INTELLIGENCE, LAW ENFORCEMENT, AND NATIONAL SECURITY ACTIVITIES.—Sanctions under this section shall not apply to any authorized intelligence, law enforcement, or national security activities of the United States.

(2) EXCEPTION TO COMPLY WITH UNITED NATIONS HEADQUARTERS AGREEMENT.—Sanctions under this section shall not apply with respect to the admission of an alien to the United States if the admission of the alien is necessary to permit the United States to comply with the Agreement regarding the Headquarters of the United Nations, signed at Lake Success June 26, 1947, and entered into force November 21, 1947, between the United Nations and the United States, the Convention on Consular Relations, done at Vienna April 24, 1963, and entered into force March 19, 1967, or other applicable international obligations.

(3) EXCEPTION RELATING TO IMPORTATION OF GOODS.—

(A) IN GENERAL.—Notwithstanding any other provision of this section, the authorities and requirements to impose sanctions authorized under this section shall not include the authority or a requirement to impose sanctions on the importation of goods.

(B) GOOD DEFINED.—In this paragraph, the term “good” means any article, natural or man-made substance, material, supply or manufactured product, including inspection and test equipment, and excluding technical data.

(f) DEFINITIONS.—In this section:

(1) ADMISSION; ADMITTED; ALIEN.—The terms “admission”, “admitted”, and “alien” have the meanings given those terms in section 101 of the Immigration and Nationality Act (8 U.S.C. 1101).

(2) UNITED STATES PERSON.—The term “United States person” means—

(A) a United States citizen or an alien lawfully admitted for permanent residence to the United States;

(B) an entity organized under the laws of the United States or any jurisdiction within the United States, including a foreign branch of such an entity; or

(C) any person within the United States.

SA 2054. Mr. PORTMAN (for himself, Mr. HEINRICH, and Mr. LUJÁN) submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, inno-

vation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

After section 2115, insert the following:

SEC. 2116. SAFETY AND ETHICS AI RESEARCH INSTITUTES.

Within the National Artificial Intelligence Research Institutes authorized in section 5201 of William M. (Mac) Thornberry National Defense Authorization Act for Fiscal Year 2021 (Public Law 116-283), the Director of the National Science Foundation shall establish a specific theme that addresses the areas of artificial intelligence safety and artificial intelligence ethics in order to promote development of trustworthy artificial intelligence and to mitigate the creation and use of artificial intelligence systems that behave in ways that cause harm.

SA 2055. Mr. PAUL submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the end of title V of division B, add the following:

SEC. 2528. GAO STUDY ON OVERSIGHT OF FEDERAL SCIENCE AND TECHNOLOGY GRANT MAKING AND INVESTMENTS.

(a) FINDINGS.—Congress finds that—

(1) in instances such as the Troubled Asset Relief Program, the American Recovery and Reinvestment Act of 2009, Iraq, and Afghanistan, Congress has created special inspectors general and other oversight entities focused on particular program areas who have performed in outstanding ways;

(2) the oversight entities described in paragraph (1) have helped to strengthen oversight in cross-agency activities and where component inspectors general may have otherwise faced significant challenges;

(3) because of the cross-agency nature of Federal science and technology activities, Congress created the Office of Science and Technology Policy to coordinate and harmonize among science functions at agencies;

(4) the United States innovation ecosystem, which uses multiple science agencies to invest in research and development, can make it more difficult to identify and remove scientists who violate research integrity principles;

(5) the single agency jurisdiction of an agency inspector general can be a disadvantage with respect to their oversight roles, and opportunities to strengthen the system may exist;

(6) single agency jurisdiction of inspectors general may also make it difficult to harmonize principles and standards for oversight of waste, fraud, and abuse among agencies; and

(7) certain issues of fraud, waste, and abuse in Federal science and technology activities span multiple agencies and are more apparent through cross-agency oversight.

(b) STUDY.—Not later than 1 year after the date of enactment of this Act, the Comptroller General of the United States shall conduct a study and submit to Congress a report that—